BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division

Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
1	Removing and resetting of kerb stones. complete as per specifications and directions of the Engineer in charge.	m	2253.28	807.15	105.88	85461.04	0.00	105.88	0.00	807.15	85461.04	
2	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete as per specifications and directions of the Engineer in charge.	m	3934.00	558.58	436.98	244088.29	0.00	436.98	0.00	558.58	244088.29	
3	Providing and fixing M.S. Block pipe of 38mm dia. of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint complete as per specifications and directions of the Engineer in charge.	m	432.00	0.00	436.98	0.00	96.00	436.98	41950.08	96.00	41950.08	
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	157.27	152.15	5563.25	846448.49	44.44	5563.25	247719.70	196.59	1093668.19	
	Above 125%				5563.25		13.18	5563.25	73323.64	13.18	73323.64	
5	Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	1925.30	384.86	85.66	32967.11	1006.61	85.66	86226.40	1391.47	119193.50	
6	Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed(average Thinkness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	1902.74	476.36	1128.05	537357.90	0.00	1128.05	0.00	476.36	537357.90	
7	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification. (5km lead = 57+2*1.28X5). complete as per specifications and directions of the Engineer in charge.	Cum	2.85		667.01	0.00	1.46	667.01	973.83	1.46	973.83	

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8	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification. complete as per specifications and directions of the Engineer in charge.	m	1015.70	958.20	71.23	68252.59	0.00	71.23	0.00	958.20	68252.59	
9	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	cum	432.61	274.82	4923.19	1352991.08	0.00	4923.19	0.00	274.82	1352991.08	
10	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	299.94	189.45	6432.39	1218616.29	0.00	6432.39	0.00	189.45	1218616.29	
11	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications..complete as per specifications and directions of the Engineer in charge.	Sqm	589.02	267.17	152.08	40631.21	0.00	152.08	0.00	267.17	40631.21	
12	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	126.16	65.72	5707.63	375094.00	4.54	5707.63	25912.64	70.26	401006.64	
	Supplying and fixing M.S rectangular poles made out of two equal angles of 65X65X6 mm welded together and fixed in CC 1:2:4 with two numbers 16mm dia M.S hold fast rods each of length 25cms including cost of all materials cutting, bending scaffolding whereever necessary, nicely finishing the welded joints with all lead lift and as per the direction of engineer incharge of the work and including providing two coats of approved quality paint over coat of shop painting (excluding cost of earthwork and concrete)..complete as per specifications and directions of the Engineer in charge.	m	646.04	0.00	920.15	0.00	47.50	920.15	43707.13	47.50	43707.13	
14	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work.	Sqm	2418.00	2121.08	9240.96	19600769.00	60.07	9240.96	555104.47	2181.15	20155873.47	
15	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangularpoleas and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour lead and lift and as per the directions of the engineer incharge of work including two coats of approved quality paint over one coat of shop paint, completion of the work as per direction of engineer in charge of work.	Sqm	1131.31	0.00	765.19	0.00	115.20	765.19	88149.89	115.20	88149.89	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total upto Date		Remarks
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16	Providing and fixing M.S Gate as per Chief Architect Drawing , using 50mm x 50mm x 14 gauge M.S hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16mm x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40 mm x 6mm M.S flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. all the steel surface should be throughly cleaned free of rust and painted with anti materials , labour charges for all items of work , Hire charges for welding , cutting and grinding equipment , electricity charges , with lead and lift , loading and unloading charges , etc.completion of the work as per direction of engineer in charge of work.	Sqm	27.99	0.00	3726.39	0.00	0.00	3726.39	0.00	0.00	0.00	
17	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x6.0 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile., 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot dip galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 2.5mm dia bearing in three places for each flap. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other completion of the work as per direction of engineer in charge of work.	Sqm	56.40	41.50	12606.85	5231385.25	7.20	12606.85	[illegible]	[illegible]	[illegible]	
18	Providing and applying enamel metal paint two coats (exclusive primer coat) over new steel or other metal surfaces brushing to give an shade after cleaning oil grease dirt and other forien matters including cost of materials labour complete as per specifications. completion of the work as per direction of engineer in charge of work.	Sqm	839.71	0.00	101.06	0.00	192.00	101.06	[illegible]	[illegible]	[illegible]	
19	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.completion of the work as per direction of engineer in charge of work.	Sqm	143.23	38.47	736.31	28325.85	0.00	736.31	0.00	[illegible]	[illegible]	
20	Earthwork excavation By manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (5km lead = 57+2*1.283(5). completion of the work as per direction of engineer in charge of work. (Qty upto 125%)	Cum	589.99	737.49	390.78	288195.56	0.00	390.78	0.00	[illegible]	[illegible]	
	Above 125%			116.98	390.78	46035.46					[illegible]	
21	Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site.completion of the work as per direction of engineer in charge of work.(Qty upto 125%)	cum	285.00	356.25	2206.05	785905.31	0.00		0.00	356.25	[illegible]	
	Above 125%			0.63	2206.05	1462[illegible].11					[illegible]	

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23	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half full round wherever required, labour, curing complete as per specification, completion of the work as per direction of engineer in charge of work.(Qty upto 125%)	Sqm	111.54	139.43	1319.59	183983.84	0.00	1319.59	0.00	139.43	183983.84	
	Qty Above 125%			24.90	1319.59	32857.79	0.00		0.00	24.90	32857.79	
22	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications..completion of the work as per direction of engineer in charge of work.	Sqm	182.60	90.30	976.94	88217.68	-90.30	976.94	-88217.68	0.00	0.00	
	Supply & fixing of children multi play equipment with spiral slide, monkey bar with number pannel ,Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m , spiral slide of size2.56m x 1.85m x 2.6m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for the outer bars &32 mm OD galvanized steel for the inner parallel bars with a baked on powder coated finish. Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm . Deck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck, step, platform ,stairs, baffle shall be all robotic welded. Inclined ramps of size 1.92m x 0.65m , stair case of size 1.5m x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber , piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 25mm OD galvanized steel pipes for inner bar with baked on powder coat finish.The poles welded on to base plate made from steel with 114mm inner dia double slide of size 2.2 m x 1.5m x 1.45 m panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges. completion of the work as per direction of engineer in charge of work.	Each	2.00	2.00	1936256.44	3872512.88	0.00	1936256.44	0.00	2.00	3872512.88	
25	Supply and fixing of childern Multi Play Equipment with double swing, curved side toddler slide with animated roof Upright structural posts of height 2.7 m and 3 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The poles are welded on to a base plate made from steel with 114mm inner diameter. Deck of size 1.45 x 1.45m and Staircase of size 1.48 m x 0.60 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Handrail of height 1.90 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per Sun Roof of size 2.0 m x 1.78 m x 0.77m, Spiral Slide of size 2220 mm x 1630 mm x 1880 mm , Straight Slide of size 1645 mm x 800 mm x 1140 mm, Panels. Roofs and panels are copyrighted and IP protected worldwide. Spring Climber of thickness Dia 38 mm, 3 step ladder , Frisbee Climber ,Piped walls of Height 2.7 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges. Charges. completion of the work as per direction of engineer in charge of work.	Each	1.00	1.00	1229647.65	1229647.65	0.00	1229647.65	0.00	1.00	1229647.65	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
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26	Supply and fixing of childern Multi Play Equipment with curved slide and number panel : Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. All metal components are to be finished with a baked on powder coat finish.With deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish.Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels,Toprails Of Monkey loop of size 1.8 m x 1.3 m.Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Roof of size Dia 2 m and height 0.82 m, Spiral Slide of size 1.16 m x 1.6 m x 3.6 m, Panels The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1.00	1.00	2224684.00	2224684.00	0.00	2224684.00	0.00	1.00	2224684.00	
27	Supply and fixing of childern Multi Play Equipment :Upright structural posts of height 2.35 m , 3.0 m and 3.25 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Handrail of height 1.20 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Snake Ladder Climber of size 0.99 m x 0.62 m x 1.20 m with thickness of Dia 38 mm. Piped walls of Height 2.6 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish crab Roof of size 1.9 m x 1.7 m x 0.77m, Sun Roof of size 2.0 m x 1.78 m x 0.77m, Straight slide 2.28 m x 0.83 m x 1.20 m , Spiral Slide of size 2.22 m x 1.60 m x 1.5 m, Rock climber of size 1.03 m x 0.70 m x 1.20 m Panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges..completion of the work as per direction of engineer in charge of work.	Each	4.00	4.00	1514825.81	6059303.24	0.00	1514825.81	0.00	4.00	6059303.24	
28	Supply and fixing of childern Play Equipment Two seater seesaw : The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	5.00	4.00	84365.05	337460.20	0.00	84365.05	0.00	4.00	337460.20	
	Supply & fixing of Arm & Pedal Bike : All products must tested and certified to meet										214757.81	

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29	EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 830 MM x 500MM x 1450 MM , Capacity 1 person. Inclusive of All Taxes and Transportation Charges ,completion of the work as per direction of engineer in charge of work.	Each	1	1.00	214757.81	214757.81	0.00	214757.81	0.00	1.00		
30	Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 810MM x 1710MM , Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1	1.00	151593.75	151593.75	0.00	151593.75	0.00	1.00	151593.75	
	Supply & fixing of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has								0.00		176859.38	

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				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Remarks
31	carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websi es as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer pain t is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and ecessive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 865 MM x 1710 MM. Capacity 1 person. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1	1.00	176859.38	176859.38	0.00	176859.38	1.00			
32	Supply & fixing of Pull Down Challenger : 7 All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodie s websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecessive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2570 MM x 840 MM x 2200 MM. Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1	1.00	2991495.00	2991495.00	0.00	2991495.00	1.00			
	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm											

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		Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
33	thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Main tain according to EN16630 and the maintenance guide. Size (L*W * H) 1955 MM x 730 MM x 1955 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1	1.00	290554.69	290554.69	0.00	290554.69		1.00	0.00	
34	Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 910 MM x 655 MM x 1210 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1	1.00	113695.31	113695.31	0.00	113695.31	0.00	1.00	113695.31	
	Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm								0.00		0.00	
											145276.86	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
35	thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges .completion of the work as per direction of engineer in charge of work.	Each	1	1.00	145276.86	145276.86	0.00	145276.86	0.00	1.00	0.00	
36	Supply & fixing of HD Sit Up Station : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1365 MM x 1335 MM x 700 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges. .completion of the work as per direction of engineer in charge of work.	Each	1	1.00	157909.68	157909.68	0.00	157909.68	0.00	1.00	157909.68	
	Supply & fixing of HD Squat Pushing : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as										0.00	
											271604.99	

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		Unit	Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
37	online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tub-ular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallioped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings :- Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and excessive movement, which can cause injuries. The limitors must be in accordance with FN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance - Maintain according to FN16630 and the maintenance guide. Size (L*W * H) 2276 MM x 635 MM x 1640 MM. Capacity 2 persons. Inclusive of All Taxe - and Transportation Charges..completion of the work as per direction of engineer in charge of work	Each	1	1.00	271604.99	271604.99	0.00	271604.99		1.00	0.00	
38	Supply & fixing of HD Health Walker :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA. TUV. CPSC. or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallioped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. In- ernal Limited means no bump stops or crash points. Bearings - Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance - Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1070 MM x 615 MM x 1360 MM. Capacity 1 person. Inclusive of All Taxes and Transportations Charges.on spletion of the work as per direction of engineer in charge of work	Each	1	1.00	176859.38	176859.38	0.00	176859.38		1.00	0.00	
	Supply & Fixing of HD Mini SO: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA. TUV. CPSC. or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scallioped as necessary and welded to an approved MIG									201215.44	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
39	~~process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is~~ applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 mic ons. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 900MM x 1285 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work	Each	1	1.00	201215.44	201215.44	0.00	201215.44	0.00	1.00	0.00	
40	Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1460 MM x 1310 MM x 1150 MM . Capacity 3 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work	Each	1	1.00	164226.56	164226.56	0.00	164226.56	0.00	1.00	164226.56 0.00	
41	Earthwork excavation for fourdation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clodscomplete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	Cum	113.17	141.46	327.25	46293.77		327.25	0.00	141.46	46293.77	
	Qty Above 125%			333.51	327.25	109140.17	5.58	327.25	1826.06	339.09	110966.22	
42	Bored / Cast-in-situ R.C.C. . piles with OPC cement design mix M20 @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Specification complete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	m	624.00	780.00	12344.06	9628366.80	0.00	12344.06		780.00	9628366.80	
	Qty Above 125%			118.00	12344.06	1456599.08	0.00	12344.06	0.00	118.00	1456599.08	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
43	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	6.02	6.02	5568.06	33519.72	1.51	5568.06	8407.77	7.53	41927.49	
	Qty Above 125%					0.00	1.56	5568.06	8686.17	1.56	8686.17	
44	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, complete as per specifications and directions of the Engineer in charge.	Cum	119.47	119.47	5917.45	706957.75	2.84	5917.45	16805.56	122.31	723763.31	
45	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charg	Cum	1.70	1.70	5015.59	8526.50	0.43	5015.59	2131.63	2.13	10658.13	
	Qty Above 125%					0.00	4.12	5015.59	20664.23	4.12	20664.23	
46	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.complete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	Cum	25.29	31.61	219.45	6937.36	0.00	219.45	0.00	31.61	6937.36	
	Qty Above 125%			58.65	219.45	12870.19	2.78	219.45	610.07	61.43	13480.26	
47	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	87.88		67.38	0.00	0.00	67.38	0.00	0.00	0.00	
48	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns ,or mass concrete including cost of all materials, labour complete as per specificaitons. complete as per specifications and directions of the Engineer in charge.	Sqm	167.84	95.04	281.05	26710.99	0.00	281.05	0.00	95.04	26710.99	
49	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. complete as per specifications and directions of the Engineer in charge.	Sqm	353.34	266.01	389.81	103693.36	0.00	389.81	0.00	266.01	103693.36	
50	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. complete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	Sqm	13.60	17.00	497.61	8459.37	0.00	497.61	0.00	17.00	8459.37	
	Qty Abov 125%			70.36	497.61	35011.84	19.20	497.61	9554.11	89.56	44565.95	
51	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.complete as per specifications and directions of the Engineer in charge.	Sqm	70.04	67.32	436.01	29352.19	0.00	436.01	0.00	67.32	29352.19	
52	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	7.20	7.20	823.90	5932.08	1.80	823.90	1483.02	9.00	7415.10	
	Qty Above 125%					0.00	11.57	823.90	9532.52	11.57	9532.52	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
53	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.complete as per specifications and directions of the Engineer in charge.	Sqm	125.04		318.59	0.00	89.49	318.59	28510.62	89.49	28510.62	
54	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.complete as per specifications and directions of the Engineer in charge.	Sqm	6.90		352.28	0.00	0.00	352.28	0.00	0.00	0.00	
55	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedartals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. complete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	Cum	80.15	80.15	6342.88	508381.83	0.00	6342.88	0.00	80.15	508381.83	
	Qty Above 125%			5.63	6342.88	35710.41	0.00	0.00	0.00	5.63	35710.41	
56	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per complete as per specifications and directions of the Engineer in charge.	Cum	23.74	23.74	6597.94	156635.10	5.94	6597.94	39158.77	29.68	195793.87	
	Qty Above 125%					0.00	9.88	6597.94	65187.65	9.88	65187.65	
57	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms, average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	5.40		540.93	0.00	4.54	540.93	2453.66	4.54	2453.66	
58	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. complete as per specifications and directions of the Engineer in charge.(Qty upto 125%)	tonne	26.51	33.13	77457.19	2566156.70		77457.19	0.00	33.13	2566156.70	
	Qty Above 125%			0.77	77457.19	59642.04	3.57	77457.19	276522.17	4.34	336164.20	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 conforming to IS :2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	525.89	526.76	995.23	524047.35	69.53	995.23	69195.37	596.29	593440.72	
60	Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the. members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, complete as per specifications and directions of the Engineer in charge.	kg	39311.19	39311.19	120.31	4729529.27	9827.81	120.31	1182382.85	49139.00	5911912.09	
	Qty Above 125%					0.00	4817.07	120.31	579552.69	4817.07	579552.69	
61	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification complete as per specifications and directions of the Engineer in	cum	246.58		354.20	0.00	308.23	354.20	109173.10	308.23	109173.10	
	Qty Above 125%					0.00	229.35	354.20	81230.67	229.35	81230.67	
62	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	26.81		885.50	0.00	0.00	885.50	0.00	0.00	0.00	
63	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	462.73	462.73	283.94	131387.59	15.62	283.94	4437.06	478.36	135825.64	
64	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .complete as per specifications and directions of the Engineer in charge.	Sqm	545.69	545.69	272.34	148628.71	85.92	272.34	23401.52	631.61	172030.23	
65	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	92.19	92.19	223.30	20586.03	23.05	223.30	5146.62	115.24	25732.65	
	Qty Above 125%					0.00	34.76	223.30	7760.59	34.76	7760.59	
66	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	66.30	61.20	245.44	15020.93	0.00	245.44	0.00	61.20	15020.93	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
67	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc, ,complete as per specification.complete as per specifications and directions of the Engineer in charge.	Sqm	605.09	574.62	84.70	48670.31	0.00	84.70	0.00	574.62	48670.31	
68	Providing and applying painting in two coats with plastic emu'sion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer, complete as per specifications and directions of the Engineer in charge.	Sqm	545.69	545.69	98.18	53575.84	85.52	98.18	8396.35	631.21	61972.20	
69	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	59.40		128.01	0.00	74.25	128.01	9504.74	74.25	9504.74	
	Qty Above 125%					0.00	363.28	128.01	46503.47	363.28	46503.47	
70	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	469.63	469.63	370.56	174026.09	8.73	370.56	3234.99	478.36	177261.08	
71	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.	kgs	236.25	236.25	102.99	24331.39	59.06	102.99	6082.90	295.31	30414.29	
	Qty Above 125%					0.00	821.89	102.99	84646.45	821.89	84646.45	
72	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.	Sqm	792.66	754.80	688.19	519445.81	0.00	688.19	0.00	754.80	519445.81	
73	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge.	Sqm	20.40	20.40	2159.85	44060.94	-6.65	2159.85	-14363.00	13.75	29697.94	

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	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
74	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specifications and directions of the Engineer in charge.	Sqm	28.52	28.52	1240.66	35383.62	7.13	1240.66	8845.91	35.65	44229.53	
	Qty Above 125%					0.00	126.67	1240.66	157154.40	126.67	157154.40	
75	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.	Sqm	6.96	6.96	1320.55	9191.03	1.74	1320.55	2297.76	8.70	11488.79	
	Qty Above 125%					0.00	93.80	1320.55	123867.59	93.80	123867.59	
76	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm	87.36	87.36	1780.63	155555.84	21.84	1780.63	38888.96	109.20	194444.80	
	Qty Above 125%					0.00	65.64	1780.63	116880.55	65.64	116880.55	
77	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification and directions of the Engineer in charge.	Sqm	1.60	0.00	196.35	0.00	2.00	196.35	392.70	2.00	392.70	
	Qty Above 125%					0.00	14.50	196.35	2847.08	14.50	2847.08	
78	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification and directions of the Engineer in charge.	Sqm	70.04	67.32	573.65	38618.12	0.00	573.65	0.00	67.32	38618.12	
79	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Nos	4.00		1491.88	0.00	3.00	1491.88	4475.64	3.00	4475.64	
80	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	cum	0.38	0.27	95616.68	25816.50	0.01	95616.68	1219.11	0.28	27035.62	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
81	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM), U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame, complete as per specifications and directions of the Engineer in charge.	m	22.80		490.88	0.00	11.40	490.88	5596.03	11.40	5596.03	
82	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot.complete as per specifications and directions of the Engineer in charge.	m	6.30		4148.38	0.00	4.20	4148.38	17423.20	4.20	17423.20	
83	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm	9.24	9.17	105.88	970.92	0.00	105.88	0.00	9.17	970.92	
84	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour. HOM of machineries complete as per specifications. (excluding cost of fixtures) and directions of the Engineer in charge	Sqm	11.34	9.21	5154.19	47470.09	-5.64	5154.19	-29069.63	3.57	18400.46	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
85	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm. thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m. shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties ,ncluding cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality..complete as per specifications and directions of the Engineer in charge.	Sqm	17.25	16.48	4841.38	79785.94	0.00	4841.38	0.00	16.48	79785.94	
86	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	sqm	28.50	0.00	102.99	0.00	35.63	102.99	3669.02	35.63	3669.02	
	Qty Above 125%					0.00	16.86	102.99	1736.41	16.86	1736.41	
87	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profilcd sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses, complete as per specifications and directions of the Engineer in	Sqm	1379.76	1379.76	750.75	1035854.82	141.90	750.75	106531.43	1521.66	1142386.25	
88	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm	1379.76	814.16	44.28	36051.00	0.00	44.28	0.00	814.16	36051.00	
89	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc. The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling / self tapping screws of 25 mm length. (width upto 500-600 mm only), to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge.	Sqm	2170.62	140.69	719.95	101289.77	0.00	719.95	0.00	140.69	101289.77	
90	Supply and Installation of approved Wooden Floor for Indoor Hall - Maple Flooring with PU Scaler and coat polish 20mm.thickness*60mm width*2000mm, third &better grade treated sleepers of size 30*60mm to be installed 30cm center to center 20mmm professional EPDM rubber pad inclusive of HOM, labour etc. complete as per specifications and directions of the Engineer in charge.	Sqm	531.36	531.36	15159.38	8055088.16	80.02	15159.38	1212977.79	611.38	9268065.95	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
91	Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Unit	4.00		3436.13	0.00	2.00	3436.13	6872.26	2.00	6872.26	
92	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia, complete as per specifications and directions of the Engineer in charge.	Each	2.00		163.63	0.00	2.50	163.63	409.08	2.50	409.08	
	Qty Above 125%					0.00	3.50	163.63	572.71	3.50	572.71	
93	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and directions of the Engineer in charge.For Rain water pipe.do - 110 mm dia	m	40.00		473.55	0.00	50.00	473.55	23677.50	50.00	23677.50	
	Qty Above 125%					0.00	116.40	473.55	55121.22	116.40	55121.22	
94	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and directions of the Engineer in charge.For Rain water pipe. do- 160mm dia	m	40.00		930.74	0.00	40.98	930.74	38141.73	40.98	38141.73	
95	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers, 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Each	2.00		5409.25	0.00	2.50	5409.25	13523.13	2.50	13523.13	
	Qty Above 125%					0.00	1.50	5409.25	8113.88	1.50	8113.88	
96	Providing and fixing white vitreous china clay,flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern , C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Unit	1.00		8810.73	0.00	0.00	8810.73	0.00	0.00	0.00	
97	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) and directions of the Engineer in charge.	Each	2.00		22356.95	0.00	2.00	22356.95	44713.90	2.00	44713.90	
98	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	4.00		188.65	0.00	4.00	188.65	754.60	4.00	754.60	
99	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	2.00		154.00	0.00	2.50	154.00	385.00	2.50	385.00	
	Qty Above 125%					0.00	1.50	154.00	231.00	1.50	231.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
100	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	2.00		366.71	0.00	2.00	366.71	733.42	2.00	733.42	
101	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with cl mp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of je nts complete. (Concealed work including cutting chases and good the walls etc..)complete as per specifications and directions of the Engineer in charge.20mm nominal OD pipes	m	40.00		256.03	0.00	50.00	256.03	12801.50	50.00	12801.50	
	Qty Above 125%					0.00	2.00	256.03	512.06	2.00	512.06	
102	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc..)complete as per specifications and directions of the Engineer in charge.25mm nominal OD pipes	m	40.00		319.55	0.00	31.75	319.55	10145.71	31.75	10145.71	
103	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Unit	2.00		1239.70	0.00	2.00	1239.70	2479.40	2.00	2479.40	
104	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Unit	2.00		806.58	0.00	2.00	806.58	1613.16	2.00	1613.16	
105	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.complete as per specifications and directions of the Engineer in charge.	Pair	1.00		261.80	0.00	2.00	261.80	523.60	2.00	523.60	
106	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. .complete as per specifications and directions of the Engineer in charge.	NO	4.00		9265.99	0.00	2.00	9265.99	18531.98	2.00	18531.98	
107	Providing of stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all)..complete as per specifications and directions of the Engineer in charge.10 cms x 10 cms	Nos	2.00		206.94	0.00	0.00	206.94	0.00	0.00	0.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
108	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.)complete as per specifications and directions of the Engineer in charge. 19/20mm dia, 2mm thick	Mtr	133.00		50.05	0.00	0.00	50.05	0.00	0.00	0.00	
109	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.)complete as per specifications and directions of the Engineer in charge. 25mm dia, 2mm thick	Mtr	119.00		65.45	0.00	0.00	65.45	0.00	0.00	0.00	
110	Open Conduit System - supplying heavy gauge PVC conduit pipe dia mm thick comfirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.)complete as per specifications and directions of the Engineer in charge. 32mm dia, 2mm thickк	Mtr	93.00		92.40	0.00	75.00	92.40	6930.00	75.00	6930.00	
111	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge. 19/20mm dia, 2mm thick	Rmt	58.85		51.01	0.00	12.60	51.01	642.73	12.60	642.73	
112	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge.25mm dia, 2mm thick	Rmt	59.85		53.90	0.00	0.00	53.90	0.00	0.00	0.00	
113	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. complete as per specifications and directions of the Engineer in charge. 32mm dia, 2mm thick	Rmt	78.85		81.81	0.00	0.00	81.81	0.00	0.00	0.00	
114	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box ,the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet.Short point upto 3m ,complete as per specifications and directions of the Engineer in charge	Point	15.00		202.13	0.00	15.00	202.13	3031.95	15.00	3031.95	

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Sl No	Description of Work	Unit	Tender Quantity	Executed Quantity upto Last Bill	Rate	Amount upto Last Bill	Quantity	Rate	Amount	Total Quantity upto Date	Total Amount upto Date	Remarks
115	Point wiring (using copper wire without switch (Cost of material). Supplying and wiring (adopting loop system to existing PVC conduit/casing capping using 2X1.5Sqmm(Phase &Neutral) & 1X1.5Sqmm (Earth Wire) FRLSmultistrand PVC insulated (2x1.5sqmm copper conforming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet /grand box. the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet.Medium point above 3m. - 6m. .complete as per specifications and directions of the Engineer in charge	Point	10.00		277.20	0.00	12.50	277.20	3465.00	12.50	3465.00	
	Qty Above 125%					0.00	62.50	277.20	17325.00	62.50	17325.00	
116	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc. and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fog wire wherever necessary .25mm dia. 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	37.80		52.94	0.00	47.25	52.94	2501.42	47.25	2501.42	
	Qty Above 125%					0.00	12.75	52.94	674.99	12.75	674.99	
117	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc. and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fog wire wherever necessary .32mm dia. 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	49.84		83.74	0.00	0.00	83.74	0.00	0.00	0.00	
118	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of a thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.19/20mm dia. 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	24.96		40.43	0.00	0.00	40.43	0.00	0.00	0.00	
119	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of a thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.25mm dia. 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	47.44		52.94	0.00	15.00	52.94	794.10	15.00	794.10	
120	Supplying and flush modular powder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick stone/C.C wall .1 -3 Way complete as per specifications and directions of the Engineer in charge.	Each	8.00		96.25	0.00	6.00	96.25	577.50	6.00	577.50	
121	Supplying and flush modular powder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick stone/C.C wall .6 - 5 Way complete as per specifications and directions of the Engineer in charge.	Each	8.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
122	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountin in existing gang box or in 4mm fibk plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3854,6AMP 3-5 and Switch complete as per specifications and directions of the Engineer in charge.	Each	6.00		132.83	0.00	6.00	132.83	796.98	6.00	796.98	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
123	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.16Amps Combined switch and socket with indication.complete as per specifications and directions of the Engineer in charge.	No	25.00		195.39	0.00	0.00	195.39	0.00	0.00	0.00	
124	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.Electronic stepped regulator..complete as per specifications and directions of the Engineer in charge.	Nos	8.00		212.71	0.00	0.00	212.71	0.00	0.00	0.00	
125	Wiring for lighting power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements.2.5sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	45.30		31.76	0.00	56.63	31.76	1798.41	56.63	1798.41	
	Qty Above 125%					0.00	843.38	31.76	26785.75	843.38	26785.75	
126	Wiring for lighting power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements.4sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	205.40		45.24	0.00	256.75	45.24	11615.37	256.75	11615.37	
	Qty Above 125%					0.00	223.25	45.24	10099.83	223.25	10099.83	
127	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of the Engineer in charge.	Nos	4.00		86.63	0.00	4.00	86.63	346.52	4.00	346.52	
128	Supplying and fixing of regular MCB distribution boards on wall woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute.12 way SP & N.complete as per specifications and directions of the Engineer in charge.	Each	5.00		1222.38	0.00	1.00	1222.38	1222.38	1.00	1222.38	
129	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON/OFF energy cross -3 with as required confirming to IEC 60898.6-32 AMPS DP.complete as per specifications and directions of the Engineer in charge.	Each	15.00		919.19	0.00	15.00	919.19	13787.85	15.00	13787.85	
130	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe .o complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia, ..complete as per specifications and directions of the Engineer in charge.	No	1.00		3031.88	0.00	1.25	3031.88	3789.85	1.25	3789.85	
	Qty Above 125%					0.00	2.75	3031.88	8337.67	2.75	8337.67	
131	Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required.25 x 3mm G.I strip.complete as per specifications and directions of the Engineer in charge.	Rm	91.56		75.08	0.00	80.00	75.08	6006.40	80.00	6006.40	
132	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting.complete as per specifications and directions of the Engineer in charge.	Nos	85.00		303.19	0.00	32.00	303.19	9702.08	32.00	9702.08	
133	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system .complete as per specifications and directions of the Engineer in charge.48" sweep (1200mm)	Each	4.00		2112.69	0.00	2.00	2112.69	4225.38	2.00	4225.38	
134	Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -oerate on 230V 50Hz, supply complete as per specifications and directions of the Engineer in charge	Each	4.00		1212.75	0.00	4.00	1212.75	4851.00	4.00	4851.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
135	Fabricating supplying and mounting MS box made out ...SWG suitable for floor f wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete . 14SWG	Sq.cm	1.00		25265.63	0.00	1.00	25265.63	25265.63	1.00	25265.63	
136	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 1000Amps 4x75x10mm Alluminium Strips. complete as per specifications and directions of the Engineer in charge	Mtr	2.00		4884.69	0.00	2.00	4884.69	9769.38	2.00	9769.38	
137	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron., and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint. 75x75x6mm.complete as per specifications and directions of the Engineer in charge	Mtr	4.00		481.25	0.00	4.00	481.25	1925.00	4.00	1925.00	
138	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron., and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint. 75x150x50x6mm C channel.complete as per specifications and directions of the Engineer in charge	Mtr	4.00		654.50	0.00	4.00	654.50	2618.00	4.00	2618.00	
139	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic Microprocessed release and Earth Fault as per IS-13947.63:100Amps 25kA.complete as per specifications and directions of the Engineer in charge	Each	1.00		5871.25	0.00	1.00	5871.25	5871.25	1.00	5871.25	
140	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' cure, indicator ON/OFF, energy cross-3 with Short circuit breaking cappacity of 10K and complete wiring as required. Confirming to IEC 60898. 40-63Amps TPN.complete as per specifications and directions of the Engineer in charge	Each	8.00		1956.76	0.00	10.00	1956.76	19567.60	10.00	19567.60	
						0.00	6.00	1956.76	11740.56	6.00	11740.56	
	Qty Above 125%											
141	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired.complete as per specifications and directions of the Engineer in charge	Each	8.00		3818.24	0.00	1.00	3818.24	3818.24	1.00	3818.24	
142	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.complete as per specifications and directions of the Engineer in charge	Each	1.00		447.56	0.00	1.00	447.56	447.56	1.00	447.56	
143	Supplying, fixing and wiring 50/5 to 100/5Amps 5VA bushen Current Transformer. Class 0.5 accuracy with Tape Wound complete as per specifications and directions of the Engineer in charge	Each	1.00		727.65	0.00	1.00	727.65	727.65	1.00	727.65	
144	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge	m	83.00		141.49	0.00	0.00	141.49	0.00	0.00	0.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
145	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specificat on No. 20.complete as per specifications and directions of the Engineer in charge	Cum	18.28		487.99	0.00	0.00	487.99	0.00	0.00	0.00	
146	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	217.80		399.44	0.00	0.00	399.44	0.00	0.00	0.00	
147	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge.	Cum	2.70		2601.64	0.00	0.00	2601.64	0.00	0.00	0.00	
148	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and directions of the Engineer in charge.	Cum	35.64		5479.51	0.00	0.00	5479.51	0.00	0.00	0.00	
149	Providing two line dressing to granite stone slab / granite stone masonry as per specifications and directions of the Engineer in charge.	Sqm	62.40		1601.60	0.00	0.00	1601.60	0.00	0.00	0.00	
150	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cill's, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.	Cum	27.63		5808.69	0.00	0.00	5808.69	0.00	0.00	0.00	
151	Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density, MORTH Specification No. 305. complete as per specifications and directions of the Engineer in charge.	Cum	129.60		348.43	0.00	0.00	348.43	0.00	0.00	0.00	
152	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 150C width 45 cms (Data approved rate)	Each	10.00		18393.38	0.00	0.00	18393.38	0.00	0.00	0.00	
153	Supplying of dustbin for collection of dry and wet waste for segregation. (Fiber dustbin Modern Type 3.0-3.75 Ft) inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	4.00		18191.75	0.00	2.00	18191.25	36382.50	2.00	36382.50	
154	Providing and laying of Filter media with granular materials /stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MORTH specifications to a thickness of not less than 400 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification including cost of materials, labour, HOM complete as per specifications and directions of the Engineer in charge.	Cum	122.40		2239.74	0.00	0.00	2239.74	0.00	0.00	0.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
155	Providing and constucting pithcing / Revetment of 30 cm thick on slopes using granite/basalt/trap stones of surface area not less than 0.04 sqm and wedged with spalls including .ost of all materials, labour, HOM etc., complete as per specification and directions of the Engineer in charge.	Sqm	1224.00		470.72	0.00		470.72	0.00	0.00	0.00	
	EIRL ITEMS					0.00			0.00	0.00	0.00	
EIRL-1	KSRB15-3:Providing 20mm thick cement plaster in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering ,including providing and removing scaffolding ,cost of materials ,labour,curing etc complete as per specificatio.KSRB15-3.12 do-cement mortar 1:6	Sqm		622.22	277.06	172392.27		277.06	0.00	622.22	172392.27	
EIRL-2	Earthwork excavation in all soil deposits and filling sides of foundatiaon upto plinth in layers not exceeding 20cms ,in depth compacting each deposits layer by ramming after watering with all lead and lift including cost of all labour complete as per specification	cum		751.70	439.59	330439.80		439.59	0.00	751.70	330439.80	
EIRL-3	Fabricating, providing and erecting in poiston of M.S. Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat ior alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for square bars of full height and at 8cms C / C for bottom rods providing ornamental C I Designers at the bottom and CI arrows in the midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes, the work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings	Kg		1920.00	142.56	273715.20		142.56	0.00	1920.00	273715.20	
EIRL-4	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406					0.00	287.19	2059.43	591443.58	287.19	591443.58	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
EIRL-5	KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grovesection 2.683 kg/m and bottom 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, L.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the					0.00	29.88	5142.03	153643.86	29.88	153643.86	
EIRL-6	KSRB 7.17 : Providing, fabricating, assembling and fixing in positionaluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm,section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mmthickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazingclips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m.aluminium sections cut to length joint metred corners grinded, theshutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C.	Sqm				0.00	11.15 11.14	6784.78	75633.34	11.15	75633.34 75582.0	
EIRL-8	Providing and fixing Turbo Exhuast fan at the height of 11m making holes for fixing in roof sheets including all fixtures and labour charges and cementing	No				0.00	8.00	12000.00	96000.00	8.00	96000.00	
EIRL-9	Providing and Fixing LED LIGHTS Of length 0.9m including nets and bolts fixed over Exsiting pipe inclusive of labour charges etc	NO				0.00	55.00	7000.00	385000.00	55.00	385000.00	

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Sl No	Description of Work	Unit	Tender Quantity	Previous Measurement			Present Measurement			Total Upto Date		Remarks
				Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	
EIRL-10	Supplying and fixing Net pole total weight 200KG Material used :Carborudum poles guage 14gauge .Top wheel type metal.Paint type EpoxyPainting Movable type Portable on wheels Height 5.1Ft Tappered box with Yonex Standard Net as per specification etc com plete includiing transporation installation at site	No				0.00	4.00	32000.00	128000.00	4.00	128000.00	
EIRL-11	Providing and fixing windows blinds including top aluminium chanel with bearing 4inches fabric stripes with handling rod gear and total operating systems .The price inclusive of GST Transportion and installation complete as per the Direction in charge					0.00	46.82	1530.15	71641.62	46.82	71641.62	
EIRL-12	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications	Sqm				0.00	3.36	6567.71	22067.51	3.36	22067.51	
					Sub Total	74790645.42			7587975.33		82378620.75	
					Add towards GST 12%	7099005.00			910557.04		8009562.04	
					Grand Total	81889650.42			8498532.37		90388182.79	

25/2/2022

Asst. Executive Engineer,
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Date.....2020

No: Third and Final Bill (For Other Works)

Division: **Byatarayanapura** Sub-Division: **Byatarayanapura Division**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: **Work Code:** Est.Cost- **950.00 Lakhs**

Name of Work: **Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.02,03 and 04 ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02, 03 & 04 of Yelahanka Division 4.Providing Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 5.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division**

Name of Contractor and Full Address: **M/s Ramkrishy Infrastureture Pvt Ltd**

Reference to Agreement No: **EE(Project)/Ynk Zone/WO/107/2020-21** Date:

Certified that the measurements were taken by me on 25/2/2022 and recorded of Pages 637607 to 617/6f/2 measurement Book No. 29/6377/2021-22 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work 25/2/22

Certified that the measurement were taken by me on 25-2-22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst Executive Engineer Project Division Yelahanka Zone

Sub-Division Officer

Jubilee - 9993/410-00

Review - 8242289020

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	SA 8498500-00
2)	Deduct amount to be held in reserve being .....percent Rs.....	BBMP, Bangalore - 9
3)	" Balance	16 769970-00
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	EW 75880-00
		EW 75880-00
		12 64200-00
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	CF 8500-00
		EW 84990-00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. unadjustments items.	479520-00
7)	Net amount due to or from Contractor	8018980-00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied. Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Head of Account (For use in the Office) P.3743

Witness
1.
2.

Stamp

Audited & admitted for Rs. 8498500

8018980-00

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

.....by Cheque

and Rs. 479520-00

Initials of Officer making payment

Executive Engineer

Acct. Clerk Project Division | Acct. Supdt. Project Division B.B.M.P. | Exe. Engineer Project Division B.B.M.P.

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